



## APPLICATION FOR FINANCIAL ASSISTANCE

Revised 7/93

CB008

**IMPORTANT:** Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

SUBDIVISION: Hamilton County Public Works CODE # 06-1 - 00061

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 09 /15 /95

CONTACT: James Keely PHONE # (513 ) 632-8431

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

PROJECT NAME: Fire Hydrant Replacement Program

### SUBDIVISION TYPE

(Check Only 1)

- ☒ 1. County  
☐ 2. City  
☐ 3. Township  
☐ 4. Village  
☐ 5. Water/Sanitary District  
(Section 6119 O.R.C.)

### FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☒ 1. Grant \$ 373,079.00  
☐ 2. Loan \$ \_\_\_\_\_  
☐ 3. Loan Assistance \$ \_\_\_\_\_  
**MBE SET-ASIDE OFFERED**  
Construction \$ \_\_\_\_\_  
Procurement \$ \_\_\_\_\_

### PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road  
☐ 2. Bridge/Culvert  
☐ 3. Water Supply  
☐ 4. Wastewater  
☐ 5. Solid Waste  
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 414,532.00 FUNDING REQUESTED: \$ 373,079.00

## DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$ 373,079.00

LOAN: \$ \_\_\_\_\_

LOAN ASSISTANCE: \$ \_\_\_\_\_

%     TERM:     yrs. (Attach Loan Supplement)

(Check Only 1)

- ☒ State Capital Improvement Program  
☐ Local Transportation Improvements Program  
☐ Small Government Program

### DISTRICT MBE SET-ASIDE:

Construction \$ \_\_\_\_\_  
Procurement \$ \_\_\_\_\_

## FOR OPWC USE ONLY

PROJECT NUMBER: C     / C    

Local Participation     %

OPWC Participation     %

Project Release Date:                     

OPWC Approval:                     

APPROVED FUNDING: \$

Loan Interest Rate:                      %

Loan Term:                      years

Maturity Date:                     

Date Approved:

## 1.0 PROJECT FINANCIAL INFORMATION

### 1.1 PROJECT ESTIMATED COSTS:

(Round to Nearest Dollar)

- a.) Project Engineering Costs:
1. Preliminary Engineering \$ N/A .00
  2. Final Design \$ N/A .00
  3. Other Engineer's Services\* \$            .00
    - Supervision \$ N/A .00
    - Miscellaneous \$ N/A .00
- b.) Acquisition Expenses:
1. Land \$ N/A .00
  2. Right-of-Way \$ N/A .00
- c.) Construction Costs: \$ 414,532 .00
- d.) Equipment Purchased Directly: \$ N/A .00
- e.) Other Direct Expenses: \$ N/A .00
- f.) Contingencies: \$            .00
- g.) TOTAL ESTIMATED COSTS: \$ 414,532 .00

MBE \$	Force Account \$
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

### 1.2 PROJECT FINANCIAL RESOURCES:

(Round to Nearest Dollar and Percent)

- |                                 |                      | %         |
|---------------------------------|----------------------|-----------|
| a.) Local In-Kind Contributions | \$ <u>N/A</u> .00    | _____     |
| b.) Local Public Revenues       | \$ <u>41,453</u> .00 | 10% _____ |
| c.) Local Private Revenues      | \$ <u>N/A</u> .00    | _____     |
| d.) Other Public Revenues       |                      |           |
| 1. ODOT PID# _____              | \$ <u>N/A</u> .00    | _____     |
| 2. EPA/OWDA                     | \$ <u>N/A</u> .00    | _____     |
| 3. OTHER                        | \$ <u>N/A</u> .00    | _____     |

SUB-TOTAL LOCAL RESOURCES: \$ 41,453 .00 10% \_\_\_\_\_

- e.) OPWC Funds
1. Grant \$ 373,079 .00 90% \_\_\_\_\_
  2. Loan \$            .00 \_\_\_\_\_
  3. Loan Assistance \$            .00 \_\_\_\_\_

SUB-TOTAL OPWC RESOURCES: \$ 373,079 .00 90% \_\_\_\_\_

f.) TOTAL FINANCIAL RESOURCES: \$ 414,532 .00 100% \_\_\_\_\_

\*Other Engineer's Services must be outlined in detail on the required certified engineer's estimate.

### 1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a summary from the Chief Financial Officer listed in section 5.2 listing all local share funds budgeted for the project and the date they are anticipated to be available.

## 2.0 PROJECT INFORMATION

**IMPORTANT:** If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: FIRE HYDRANT REPLACEMENT PROGRAM

2.2 BRIEF PROJECT DESCRIPTION - (Sections a through d):

a.) SPECIFIC LOCATION:

PROJECT ZIP CODE: \_\_\_\_\_

b.) PROJECT COMPONENTS:

This project shall consist of 390 fire hydrants. They shall be either a Mueller or a Kennedy type.

c.) PHYSICAL DIMENSIONS/CHARACTERISTICS:

Fire hydrants are replaced in coordination with the Cincinnati Water Works on projects that are outside of municipalities. This project consists only of supplying the fire hydrants to the Cincinnati Water Works.

d.) DESIGN SERVICE CAPACITY:

**IMPORTANT:** Detail shall be included regarding current service capacity vs proposed service level.

If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallons per household.

Attach current rate ordinance.

There will be no increase in capacity as only existing fire hydrants will be replaced. Please also note that a rate chart has been attached to this application.

2.3 USEFUL LIFE/COST ESTIMATE: Project Useful Life: 75 Years.

Attach Registered Professional Engineer's statement, with original seal and signature certifying the project's useful life indicated above and estimated cost.

### 3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$ <u>414,532</u>	<u>100</u> %
State Funds Requested for Repair and Replacement	\$ <u>373,079</u>	<u>90</u> %

TOTAL PORTION OF PROJECT NEW/EXPANSION	\$ _____	____ %
State Funds Requested for New and Expansion	\$ _____	____ %

(SCIP Project Grant Funding for New and Expansion cannot exceed 50% of the total Project Costs.)

### 4.0 PROJECT SCHEDULE:\*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>01 / 02 / 95</u>	<u>06 / 01 / 95</u>
4.2 Bid Advertisement:	<u>08 / 01 / 96</u>	<u>09 / 01 / 96</u>
4.3 Construction:	<u>10 / 30 / 96</u>	<u>12 / 31 / 97</u>

\* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

### 5.0 APPLICANT INFORMATION:

#### 5.1 CHIEF EXECUTIVE

OFFICER	<u>David J. Krings</u>
TITLE	<u>Hamilton County Administrator</u>
STREET	<u>138 E. Court Street, Room 603</u>
	<u>County Administration Building</u>
CITY/ZIP	<u>Cincinnati, OH 45202</u>
PHONE	<u>( 513 ) 632 - 8222</u>
FAX	<u>( 513 ) 632 - 5797</u>

#### 5.2 CHIEF FINANCIAL

OFFICER	<u>Raymond J. Fern</u>
TITLE	<u>Director of Administrative Services</u>
STREET	<u>138 East Court Street, Room 607</u>
	<u>County Administration Building</u>
CITY/ZIP	<u>Cincinnati, OH 45202</u>
PHONE	<u>( 513 ) 632 - 8212</u>
FAX	<u>( 513 ) 632 - 5795</u>

#### 5.3 PROJECT MANAGER

TITLE	<u>Garv R. Van Hart, P.E.</u>
STREET	<u>Director, Public Works</u>
	<u>138 East Court Street, Room 800</u>
	<u>Cincinnati, OH 45202</u>
CITY/ZIP	<u>Cincinnati, OH 45202</u>
PHONE	<u>( 513 ) 632 - 8431</u>
FAX	<u>( 513 ) 632 - 8653</u>

## 6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.


- X A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. (Attach)
- X A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. (Attach)
- X A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. (Attach)
- N/A A copy of the cooperation agreement(s) if this project involves more than one subdivision or district.(Attach)
- X Capital Improvements Report: (Required by 164 O.R.C. on standard form)  
     A: Attached.  
X B: Report/Update Filed with the Commission within the last twelve months.
- N/A Floodplain Management Permit: Required if project is in 100 year floodplain. See Instructions.
- X Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), and other information to assist your district committee in ranking your project.

## 7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

**IMPORTANT:** Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement and a Notice To Proceed for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

David J. Krings, Administrator, Hamilton County  
Certifying Representative (Type or Print Name and Title)

 12/15/95  
Signature/Date Signed



# County of Hamilton

## DEPARTMENT OF PUBLIC WORKS

BOARD OF COUNTY COMMISSIONERS

BOB BEDINGHAUS

JOHN S. DOWLIN

GUY C. GUCKENBERGER

138 EAST COURT STREET, ROOM 800

CINCINNATI, OHIO 45202

PHONE: 632-8431

FAX: 632-8653

GARY R. VAN HART  
DIRECTOR

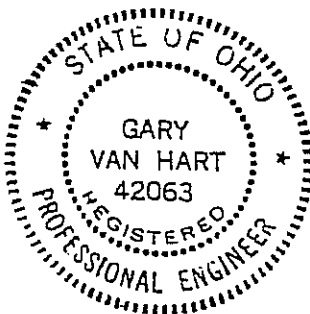
KAREN M. PETROSKY  
DEPUTY DIRECTOR OF PUBLIC WORKS

JEFFREY A. LEEDY  
DEPUTY DIRECTOR OF PUBLIC WORKS

September 13, 1995

This is to certify that the following is a true and accurate estimate of the cost to provide new fire hydrants and install replacement hydrants under the Hamilton County Capital Improvement Program "Fire Hydrants".

The expected life of the fire hydrant is seventy five years.



Gary Van Hart, P.E.  
Director of Public Works  
Hamilton County, Ohio

# HAMILTON COUNTY CAPITAL IMPROVEMENT PROGRAM

## FIRE HYDRANTS - NEW AND REPLACEMENT

SEPTEMBER 13, 1995

Listed below is an estimate of the fire hydrants and parts needed for the County to provide new and replacement fire hydrants for water main replacements, street improvements and new installations.

Cincinnati Water Works Capital Improvement Water Main Replacement Program and Hamilton County street improvements.

12.9 Miles x 5280 ft. = 68250 - 375 =	182 F.H.
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Fire hydrants replaced in the unincorporated area under County Hydrant Replacement Program	154 F.H.
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New fire hydrant installations requested by Township Fire Departments	54 F.H.
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TOTAL	390 F.H.
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### ESTIMATED COST:

390 fire hydrants at \$675.00 =	\$263,250.00
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Parts required for installation new and replacement	\$151,281.90
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Total funds required for Capital Improvement Program - Fire Hydrants	\$414,531.00
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September 13, 1995

## STATUS OF FUNDS REPORT

Project: Fire Hydrant Replacement Program

This is to certify that the sum of \$41,453.00 is available as the local matching funds in connection with the application for State Capital Improvement Funds for the above mentioned project.

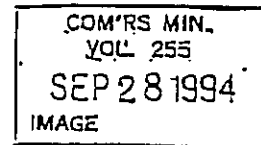
The source of the local match will be Hamilton County Funds. Local matching funds will be encumbered and certified upon completion of the Project Agreement with the Ohio Public Works Commission.

Chief Executive Officer: David J. Krings  
DAVID J. KRINGS  
HAMILTON COUNTY ADMINISTRATOR

Chief Financial Officer: Raymond J. Fern  
RAYMOND J. FERN *Emr*  
DIRECTOR OF BUDGET AND RESEARCH



The Board of County Commissioners of Hamilton County, Ohio met in regular session on the 28th day of September, 1994, with the following members present: -All Present-



RESOLUTION

AUTHORIZING THE COUNTY ADMINISTRATOR TO APPLY  
FOR ISSUE 2 FINANCIAL ASSISTANCE FUNDS

WHEREAS, it may be advantageous for the County to apply to District No. 2 for Issue 2 Financial Assistance Funds, and

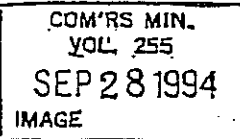
WHEREAS, a single Resolution by this Board will suffice to authorize the Hamilton County Administrator to make any application and execute any contract, deemed economically advantageous by the County.

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Hamilton County, Ohio, that the Hamilton County Administrator be and he hereby is authorized to make application to the Ohio Public Works Commission District No. 2 for Issue 2 Financial Assistance Funds, and

BE IT FURTHER RESOLVED, that this Board of County Commissioners hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of the Board of County Commissioners and that all deliberations of this Board of County Commissioners and of its committees, if any, which resulted in formal action were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

ADOPTED at a regularly adjourned meeting of the Board of County Commissioners of Hamilton County, Ohio, this 28th day of September, 1994.

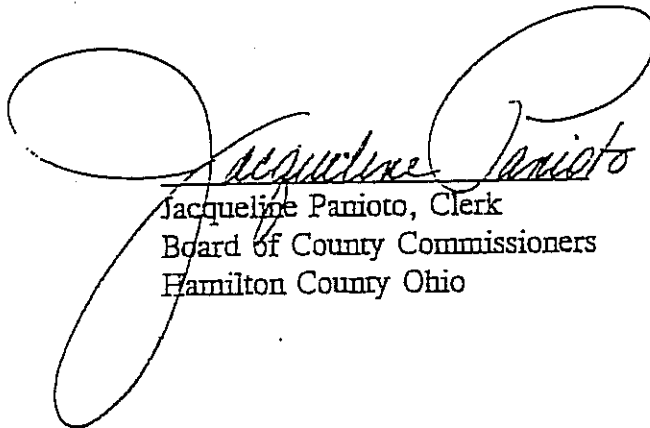
Mr. Chabor AYE Mr. Dowlin AYE Mr. Guckenberger AYE



CERTIFICATE OF CLERK

IT IS HEREBY CERTIFIED that the foregoing is a true and correct transcript of resolutions adopted by the Board of County Commissioners in session the 28th day of September, 1994.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Official Seal of the Office of the Board of County Commissioners of Hamilton County, Ohio, this 28th day of September, 1994.



Jacqueline Panioto, Clerk  
Board of County Commissioners  
Hamilton County Ohio

# CINCINNATI WATER WORKS - LAWS, ORDINANCES, RULES AND REGULATIONS

## DIVISION H - WATER RATES

January 1, 1994

Sec. 401-75. WATER RATES. The director of water works shall fix the charges for water used by consumers within the city of Cincinnati, for consumers in Hamilton county outside the Cincinnati city limits, and for consumers in Butler, Clermont, and Warren counties, at rates sufficient to pay the expenses of the water works in accordance with Article IV, Section 9, of the city charter.

The director shall also fix the charges for water supplied to political subdivisions at master meters for redistribution by them through their own water mains, and for standby water service for political subdivisions.

The water rates shall not be in force until approved by ordinance of Council.

Water rates for welfare institutions shall be set annually by the director in accordance with Section 401-79, which adjusted rates do not require Council approval.

Sec. 401-76. MINIMUM CHARGES. Each water supply service shall be subject to a minimum charge. The minimum charge shall be based on the size of the premises served or on the size of the water meter used, whichever results in the larger minimum charge.

The size of the premises served shall be determined by the total number of residential and/or commercial and industrial units that comprise the premises.

This section shall apply to each water meter used, but shall not apply to water supply services subject to Section 401-81 or Section 401-82.

For water used up to and including 300 cubic feet per month (for customers billed monthly) or 900 cubic feet per quarter (for customers billed quarterly), the minimum charge rates shall be as follows:

Meter Size In Inches	Number of Family Units	Minimum Charge	INSIDE CINCINNATI		INCORPORATED Hamilton/Clermont Counties		UNINCORPORATED Hamilton County		Butler/Warren Counties	
			Per Month	Per Quarter	Per Month	Per Quarter	Per Month	Per Quarter	Per Month	Per Quarter
5/8	1	1	\$7.75	\$14.60	\$10.10	\$19.00	\$10.30	\$19.40	\$11.60	\$21.85
3/4	2 or 3	2	\$8.65	\$17.20	\$11.25	\$22.35	\$11.50	\$22.90	\$12.95	\$25.70
1	4 or 5	3	\$9.80	\$19.70	\$12.70	\$25.60	\$13.00	\$26.20	\$14.60	\$29.40
1 1/2	6 thru 12	4	\$12.10	\$25.60	\$15.70	\$33.30	\$16.10	\$34.00	\$18.10	\$38.30
2	13 thru 20	5	\$15.20	\$32.40	\$19.80	\$42.10	\$20.20	\$43.10	\$22.80	\$48.40
3	21 thru 50	6	\$25.50	\$58.90	\$33.20	\$76.60	\$33.90	\$78.30	\$38.20	\$88.10
4	51 thru 115	7	\$43.50	\$95.30	\$56.60	\$123.90	\$57.90	\$126.70	\$65.10	\$142.50
6	116 thru 250	8	\$79.60	\$177.50	\$103.50	\$230.80	\$105.90	\$236.10	\$119.00	\$265.40
8	Over 250	9	\$115.80	\$259.70	\$150.50	\$337.60	\$154.00	\$345.40	\$173.10	\$388.20
10	Over 250	10	\$160.60	\$350.90	\$208.80	\$456.20	\$213.60	\$466.70	\$240.10	\$524.60
12	Over 250	11	\$196.20	\$414.10	\$255.10	\$538.30	\$260.90	\$550.80	\$293.40	\$619.00

# CINCINNATI WATER WORKS - LAWS, ORDINANCES, RULES AND REGULATIONS

## DIVISION H - WATER RATES (continued)

January 1, 1994

### Sec. 401-76 (continued)

- R1 - For hotels and motels the number of premises units shall be 50% of the available occupancy.
- R2 - For trailer parks the number of premises units shall be 75% of the available occupancy.
- R3 - For special purpose apartment projects, such as those for the elderly, containing one and two room efficiency units, with the occupancy rigidly controlled, and equipped with only one set of kitchen and bath fixtures, the number of premises units shall be 75% of the available occupancy. Final determination for qualification under this rule shall be made by the Director upon review of the individual apartment plans.
- R4 - For commercial establishments, each two sets, or part thereof, of sanitary facilities will be counted as one premises unit. A set of sanitary facilities shall be any grouping of water-using plumbing fixtures whose total instant demand is not greater than the total instant demand of five, one-half inch water faucets.
- R5 - Where commercial or manufacturing facilities require more water than required for sanitary purposes, the minimum charge shall be not less than the minimum charge for a meter one size smaller than the branch serving the premises.
- R6 - For water service covering a period of time more or less than a quarterly billing or a monthly billing, the minimum charge will be calculated on a per diem base.

Sec. 401-77. WATER SERVICE CHARGES IN EXCESS OF MINIMUM. For water used in excess of 300 cubic feet per month or 900 cubic feet per quarter, the water service charge rates per hundred cubic feet (ccf) used shall be as follows:

		INSIDE CINCINNATI	INCORPORATED Hamilton/Clermont Counties	UNINCORPORATED Hamilton County	Butler/Warren Counties
<u>Per Month</u>	<u>Per Quarter</u>	Minimum	Minimum	Minimum	Minimum
First 3 ccf	First 9 ccf	\$1.12	\$1.46	\$1.49	\$1.68
Next 17 ccf	Next 51 ccf	\$0.93	\$1.21	\$1.24	\$1.39
Next 580 ccf	Next 1,740 ccf	\$0.83	\$1.08	\$1.10	\$1.24
Over 600 ccf	Over 1,800 ccf				

# CINCINNATI WATER WORKS - LAWS, ORDINANCES, RULES AND REGULATIONS

## DIVISION H - WATER RATES (continued)

January 1, 1994

Sec. 401-78. CHARGES FOR FIRE PROTECTION SERVICES. Each fire protection service serving a private premises shall be subject to a service charge based on the size of the service branch at the water main. This section shall not apply to fire protection services subject to Sections 401-82 and 401-83.

The fire protection service charge rates per month and per quarter shall be as follows:

Branch Size In Inches	INSIDE CINCINNATI		INCORPORATED Hamilton/Clermont Counties		UNINCORPORATED Hamilton County		Butler/Warren Counties	
	Per Month	Per Quarter	Per Month	Per Quarter	Per Month	Per Quarter	Per Month	Per Quarter
2 and under	\$8.10	\$24.00	\$10.50	\$31.20	\$10.80	\$31.90	\$12.10	\$35.90
3	\$10.40	\$30.80	\$13.50	\$40.00	\$13.80	\$41.00	\$15.50	\$46.00
4	\$12.30	\$36.90	\$16.00	\$48.00	\$16.40	\$49.10	\$18.40	\$55.20
6	\$28.40	\$84.90	\$36.90	\$110.40	\$37.80	\$112.90	\$42.40	\$127.00
8	\$40.10	\$120.30	\$52.10	\$156.40	\$53.30	\$160.00	\$59.90	\$179.90
10 and over	\$48.40	\$145.00	\$62.90	\$188.50	\$64.40	\$192.90	\$72.30	\$216.80

Sec 401-79. WELFARE INSTITUTIONS. Water supplied to those welfare institutions defined in Section 401-85 and subsections thereto and which have both applied for welfare rates and received water service on or before July 2, 1983, shall be paid for at the minimum rate as set forth in Section 401-76 for amounts consumed up to and including 300 cubic feet monthly or 900 cubic feet quarterly. All such institutions taking service thereafter shall not be entitled to special rates under this section.

The commodity rate per 100 cubic feet in excess thereof shall be established as follows:

In March of each calendar year, the Director shall establish the average cost of supplying water throughout the system during the previous year as documented by the financial statement.

The rate per 100 cubic feet for the calendar year following the computation shall then be set to the closest 1 cent so that the total average charge to all welfare institutions shall be 70 percent of the cost so computed.

All welfare institutions and the City Council will be notified by the Director of any rate changes to be made pursuant to the foregoing formula, not less than six months prior to the date that such rate change shall take effect.

# CINCINNATI WATER WORKS - LAWS, ORDINANCES, RULES AND REGULATIONS

## DIVISION H - WATER RATES (continued)

January 1, 1994

Sec. 401-81. CHARGES TO POLITICAL SUBDIVISIONS. The water service charge rates per hundred cubic feet for water used by political subdivisions, other than those whose contracts with the City of Cincinnati specify rates, shall be \$1.21 between November 1 and April 30 and \$1.46 between May 1 and October 31. There shall be no minimum charges.

Sec. 401-82. EXEMPTIONS FROM MINIMUM CHARGES. Water supply services for the following shall not be billed and no minimum charges shall be made for the billing period when no water is consumed in such period:

- (a) Unused service branches installed for vacant unimproved property in connection with highway improvements, which have not been extended beyond the curb cock.
- (b) Standby services shut off at the curb cock which, though properly metered and ready for use in an emergency, are not being actually used; provided that they are for the sole purpose of supplying premises already supplied by at least one other service branch so that the amount of water available through the standby service does not exceed the total available from other services, and provided the standby service is solely for use in the event of an emergency and is not maintained for fire protection, supplemental supply or additional use when other services are insufficient.
- (c) Service branches and fire protection services which are not being used and which have been shut off at the curb cock by the Water Works but not until such branches have remained off continuously for one year or more. After payment of four regular quarterly bills, such branches, for the balance of the period during which the water remains off, shall be subject to an annual charge based on the size of branch equal to one quarterly minimum specified in Section 401-76, herein, for the corresponding meter size or Section 401-78, herein, for the corresponding branch size.

However, if the service branch or fire protection service has been shut off at the curb cock by the Water Works after notification to the superintendent by the Director of Buildings and Inspections that the premises have been vacated pursuant to a vacation order of the City declaring that the premises are dangerous, unsanitary, and unsafe for occupancy because of damage caused by natural disasters such as floods, tornados, hillslides and fire, such branch shall be subject immediately upon cut off of service to the annual charge set forth above.

# City of Cincinnati



WINTERHALTER

Department of Water Works

February 2, 1995

Mr. Gary Van Hart, Director  
Hamilton County Public Works  
County Administration Building  
138 East Court Street  
Cincinnati, OH 45202

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232  
Phone (513) 591-7970  
Fax 591-7744

David E. Rager  
*Director of Water Works*

Telecommunications for the Deaf  
Billing Inquiries (513) 591-7730  
Emergency Service (513) 591-7905

Dear Gary:

This report is submitted in accordance with Section 5, Paragraph b, of the July 1, 1987 City/County Water Contract regarding capital improvement information.

Appendix A is a computer listing of those capital projects to which we became committed (essentially contracts or purchase orders were issued) during 1994. The listing shows the dollars expected to be spent under the contracts or purchase orders. Force account work for design, inspection, etc., is not part of these estimates. The "Current Estimate" column is the best estimate of the cost to finish the project, typically based on bids received.

Appendix B1 and B2 are listings of capital improvements on which there were expenditures in 1994, the level of expenditures being shown on the listing. Unlike Appendix A, these listings show all costs (excluding indirect overhead distribution) associated with the project. Appendix B1 reflects projects completed during 1994. Appendix B2 projects are still in work-in-progress status.

Appendix C is a listing which identifies those projects we plan to initiate in 1995 and the budget estimate for each project.

Several qualifications must be made to these listings. Most capital projects are, of course, multi-year projects seldom begun and completed in the same year. You will therefore see funds being spent on the same projects from year-to-year. It may also be necessary to remove projects from the list or add projects to the list depending upon circumstances that occur throughout the year. Dollar amounts could change from time-to-time based on new information sources including bids received, change orders, etc. Also included in each year's capital program are miscellaneous improvements including

Equal Opportunity Employer

Mr. Gary Van Hart  
Hamilton County Public Works  
February 2, 1995

Page 2

street improvements which require the Water Works to modify its facilities prior to the time final resurfacing of the street is made. These occur outside of the control of the Cincinnati Water Works. Of course, the ultimate qualifier is the availability of financial resources to accomplish these projects. Therefore, both funding and timing of these improvements depend upon the availability of cash or borrowed funds.

Please notify us as soon as possible of any recommendations for changes to the 1995 project list in accordance with the provisions of Water contract.

Sincerely,



David E. Rager  
Director

DER/FDW/pn

Attachments



Appendix A  
Capital Cost  
1994

Explanation of Tables

Table Number	Description
11	New Water Mains
12	Replacement Water Mains
13	Rehabilitate Water Mains
14	Street Improvements
15	Private Development & Assessments
26	Headquarters Complex
27	Tanks and Reservoirs
28	Treatment and Pump Complexes
29	Water Quality and Research

Project Number	Table Number	Project	Current Estimate
83055	11	Eight Mile, Beechmont to Woodruff	\$468,220
85040	11	Race Road, Reemlin to Boomer	\$203,504
88027	12	Jessup, 800' E of Clearidge to 400' E of Wilmer	\$243,847
88030	12	Millvale Ct & Circle, Beekman to Millvale	\$285,411
89045	12	Plainfield Ln & Rd, Kugler Mill to Sycamore	\$250,504
89055	12	Eastern - Bains to Ferry	\$919,528
90030	12	Iliff Avenue, Glenway to Heward	\$557,678
90053	12	Pedretti Avenue, Mt. Alverno to S. Terminus	\$277,952
91042	12	Springdale Road, Broadmore to Kern	\$278,342
92019	12	Westwood Northern Blvd, Montana to Phoenix	\$779,173
92024	12	Ledgewood/Asman - Reading to Dana	\$530,500
92028	12	Washington/Clinton Springs	\$472,887
93029	12	Livingston Rd, Poole to S. Terminus	\$402,586
93052	12	Fire Hydrant Replacement Program	\$274,014
94123	12	South Rd, Southpointe to Danville	\$107,116
90056	14	Seymour Avenue Bridge over Millcreek	\$59,513
92010	14	Kearney Ave, Anthony Wayne to 800' West	\$270,000
92023	14	Colerain Avenue, Robers to 400' N of Kipling	\$184,637
93011	14	Galbraith Rd, Colerain to N College Hill Line	\$100,000
93020	14	Locust/Poplar/Maple, McGregor to Elmwood	\$405,290
93022	14	Wesselman Rd Bridge, 1200' W of Buffalo Ridge	\$8,022
93031	14	Hollyhock & Reynard	\$258,798
93034	14	Seymour - Millcreek to Dillward	\$28,942
93035	14	Martin Luther King - Vine to Burnet	\$359,437
93109	14	McConnell Street, River Road to 200' North	\$28,014
93114	14	Dana Ave, Victory Parkway to Ledgewood	\$161,098
93116	14	Beekman Street Bridge over West Fork	\$117,990
94001	14	Linden St., McGregor to Vine	\$179,031
94006	14	Martin Street/Parkside Place	\$74,955

94010	14	Hamilton Ave, Meredith to Hudepohl	\$8,865
94011	14	Ludlow Avenue Viaduct	\$2,733
94013	14	Edwards Road, Grandin to Observatory	\$431,966
94015	14	Mt. Healthy Heights - Phase 2	\$125,000
94016	14	Mt. Healthy Heights - Phase 3	\$175,000
94024	14	Emerson Ave, Betts to Meis	\$366,819
94025	14	Waits Avenue, Berte to Kellogg	\$195,000
94026	14	Ihle, Mt. Alverno to S. Terminus	\$121,569
94027	14	Noble Avenue/Noble Court	\$80,161
94028	14	Solzman Road, Kemper to 1200' North	\$121,441
94048	14	Montana Ave, Farrell to Baltimore	\$10,620
94049	14	Kenwood Rd, Cross Co Hwy to Blue Ash Corp	\$281,115
94131	14	Lahman Rd, Grand Ave to 600' E of Orange	\$300,000
91018	15	Kellogg Ave, W Five Mile Road	\$5,000
93106	15	Kensington Ridge Dr, Eversole Road	\$140,000
93117	15	Wesselman Road Extension, E. of Taylor Road	\$25,784
94003	15	Harrison Avenue, 185' E of Deerway	\$897
94005	15	N. Terminus Martini Road	\$2,391
94009	15	Rollman Estates, Section 3	\$786
94018	15	Kemper Road	\$2,051
94019	15	Abbey Hills	\$3,067
94020	15	Kenwood Mall, WM Relocation	\$488
94022	15	Nagel Road	\$9,599
94023	15	Devilsbackbone	\$865
94043	15	Broadview Drive	\$10,018
94128	15	Harrison Avenue, WM Extension	\$2,916
94137	15	Kellogg Avenue at Five Mile	\$4,518
92020	26	AOB Roof Replacement	\$52,913
92043	26	Pipe Yard/Parking Area/Drive Renovation AOB	\$128,981
93051	26	AC Unit for AOB	\$39,440
93054	26	Boiler Burners AOB	\$18,066
94004	26	Window Film at AOB	\$15,892
94017	26	AOB Distribution Renovation	\$15,993
83177	27	Blue Ash Elevated Tank	\$2,123,853
87023	27	Elsinore Tower Rehabilitation	\$181,476
92049	27	Settling Basin Guardrail Replacement	\$110,311
91011	28	Cone Valve (14") Replacement, Winton Pump Sta.	\$29,176
92044	28	Remove/Relocate Carbon Pilot Plant	\$88,863
92078	28	Remote RTU's	\$80,804
93033	28	Water West	\$419,850
93040	28	Optimization of Corrosion Inhibition	\$425,102
93046	28	Washwater Recovery Pump 4	\$98,156
93047	28	Bolton Plant Cathodic Protection	\$30,433
93050	28	VFD's for GAC Furnaces	\$17,181
93056	28	HVAC Study - AC Unit - Filter Building	\$100,000
94014	28	Fire Alarm Renovation, R. Miller Plant	\$4,495
94021	28	Lightning Protection CMBP	\$4,957
94044	28	Sodium Hydroxide Feed System	\$21,804
94045	28	Building Security, Western Hills Station	\$22,627
94129	28	Installation of Turbidimeters in Sand Filters	\$17,425

Total

\$14,753,356

Appendix B-1  
Cincinnati Water Works  
1994 Capital Improvement  
Expenditures  
(for Projects added to Plant-in-Service During 1994)

Expenditures	Project Number	Description	Size (inches)
8,128.44	83033	Fields Ertel Rd-Mason to Conrey	12
151,252.05	83043	Kenwood Rd, Montgomery to Euclid	16
(811.32)	83089	Wooster Pk-Madisonville to Miami	
11,978.63	83096	Grand Vista-Crestview to Montgomery	8
8,156.75	83098	Wm H Taft-Woodburn to Torrence	8
5,359.00	83110	Central/Wade - Findlay to Ezzard Charles	12
20,861.13	85054	Justice/Rice/Gage/Calumet	8
5,688.00	87038	McGregor - Auburn to Reading	8
1,491.30	89029	Westwood Av-Harrison to Quebec	8 & 12
5,199.60	89039	Zinsle-Red Bank to Plainfield	6
5,667.45	89040	Stanton/Mellish-Wm H Taft to Omaha	8
4,276.60	89041	Lehman/Elberon/Freddie-Grand to Glenway	8
5,471.80	89044	Kings Run - Winton Ridge to Este Av	16
74,549.77	90020	Bailey - Werk to S Terminus	8
43,428.93	91007	Salem Pike - Kellogg to Beechmont	8
(1,142.88)	91015	Bridgetown/Zion Rd S - SCWA 1 Contract	16
6,004.58	91018	Kellogg Ave W Five Mile Rd WSL 3023	12
9,024.40	91022	Roosevelt Av - Pippin to Hamilton	8
6,811.70	91025	Grandin - Columbia Pkwy to Tusculum	8
\$14,835.00	92001	Headquarters Complex Handicap Renovation	
113,331.49	92049	Settling Basin Gaurd Rail Replacement	
(482.78)	92071	Spring Grove Av Bridge Replacement	
(834.00)	92076	Montgomery Rd Phase 4-Main St to Terwilliger	12
35,401.97	93016	Telephone System Spring Grove	
357,022.10	93019	Walnut - McGregor to Cedar	8
63,678.44	93032	Main St - Seventh to Eighth	12
75.88	93044	AOB Master Plan	
353,852.45	93105	GAC - Finalization	
22,922.00	93107	Benham Alley - Elm to Race	12
28,407.29	93109	McConnel St - River Rd to 200 North	
67,503.54	93112	Petosky Av - Hiawatha to North Terminus	
<u>\$1,427,109.31</u>			
<u>14,921,644.29</u>	1994 Capital Improvement Expenditure for Work-in-Progress (see Appendix B-2)		
<u>\$16,348,753.60</u>			

## APPENDIX B - 2

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CINCINNATI WATER WORKS

RUN DATE: 01/27/95

EXP\_YR\_T

1994 CAPITAL IMPROVEMENT  
EXPENDITURES FOR  
WORK-IN-PROGRESS

PAGE: 1

EXPENDITURES	PROJECT NUMBER	DESCRIPTION
701,638.50	83006	EBENEZER/HUTCHINSON, BRIDGETOWN TO GREENOAKS
74,546.80	83028	QUEEN CITY AVE, SUNSET TO LA FEUILLE 36"
1,136,236.54	83030	BURNET AVE, WM H TAFT TO UNION 42"
134,731.32	83036	GALBRAITH RD, 1500'E OF KENWOOD TO MONTGOMERY
484,285.14	83055	EIGHT MILE RD, BEECHMONT TO WOODRUFF 12"
365.40	83086	CLIFTON AVE. - SPRING GROVE TO 900' NORTH
158,445.68	83091	SOUTHSIDE AV/IDAHO ST-RIVER TO 2000'E IDAHO
62,239.78	83095	WHETZEL AVE, KENWOOD RD TO MADISON RD
422.69	83138	KIPLING RD-300' E OF COLERAIN TO BANNING
1,221,745.35	83177	BLUE ASH ELEV TANK
3,205.88	83178	CHERRY GROVE ELEVATED TANK-PROPERTY ACQ.
141,836.36	85008	LAB PREP ROOM AND CLEAN UP ROOM RENOVATION
4,525.95	85039	STRUBLE RD - COLERAIN TO PIPPIN 24"
207,937.05	85040	RACE RD - REEMELIN TO BOOMER 12"
131,873.47	87023	ELSINORE TOWER REHABILITATION
34,102.38	87027	COAGULATION BASINS - REHABILITATION
30,417.64	87028	TENNYSON STATION - REMODEL FIRST FLOOR
156,215.23	87042	KELLOGG/WILMER-AIRPORT TO 3000' S.ON KELLOGG
62,667.97	87043	VINE ST - MCMILLAN TO MCMICKEN
9,715.02	88026	FAIRMOUNT AVE - HARRISON TO IROQUOIS
219,860.23	88027	JESSUP RD, 800 E OF CLEARIDGE TO 400 E OF WLMR
3,467.02	88030	MILLVALE CT & CIR - BEEKMAN TO MILLVALE
322,159.00	88033	ELECTRONIC METER PROGRAM
82.48	89018	ANDERSON FERRY-SIDNEY & CROOKSHANK RDS
543.31	89023	ANTHONY WAYNE/CENTER HILL-VINE/MILL CR/MCGREG
7,336.71	89031	GUERLEY RD TUXWORTH TO 1500' EAST
6,269.55	89037	HAYS/WEST FORK/VIRGINIA-CHASE TO HAYS TERM.
103,009.33	89038	MOON VALLEY SALEM PUTNAM TO MOON VALLEY TERM
219,271.11	89043	WINSLOW/LINCOLN/BATHGATE/MELISH-2550 FT 8/12
5,303.78	89045	PLAINFIELD LE & RD -KUGLER MILL TO SYCAMORE
2,603.51	89047	CREEK RD - 400' W OF THORNVUE TO JEFF
857.05	89049	LINCOLN/HASTINGS/HILL HARRISON TO HARRISON
1,017.10	89051	LAWYER/LITTLE DRY RUN 150' W OF TURNKEY
60,983.54	89055	EASTERN AV BARNES TO FERRY
14,908.44	89064	BIEGLER/WHITE/HORTON/MONTROSE
299,960.30	89067	BROERMAN-ROSS TO N TERMINUS
26,428.01	90019	GRANT STREET-CENTRAL PARKWAY TO ELM STREET
14,024.72	90021	HANDMAN/HOGE AVES, STANLEY TO COLUMBIA
387,617.49	90030	ILIFF AVE, GLENWAY TO HEWARD
121,250.27	90035	FORTVIEW/HATCH, CARNEY TO TERMINUS
342.25	90036	WOODBURN AVE, MADISON TO GILBERT
138.80	90037	NORTH BEND RD, MILLCREEK WEST 1500'

## APPENDIX B - 2

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CINCINNATI WATER WORKS

RUN DATE: 01/27/95

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1994 CAPITAL IMPROVEMENT  
EXPENDITURES FOR  
WORK-IN-PROGRESS

PAGE: 2

EXPENDITURES	PROJECT NUMBER	DESCRIPTION
1,125.13	90039	ELM ST, EIGHTH TO TWELFTH
1,143.39	90040	HAMILTON AVE, NORTH BEND TO HOLLYWOOD
220,509.43	90053	PEDRETTI AVE- MT ALVERNO TO SOUTH TERMINUS
60,751.12	90056	SEYMOUR AVE BRDGE OVER MILLCREEK 12"W
3,288.97	90059	FIFTH STREET- RACE TO VINE (12")
31,354.87	91011	CONE VALVE (14") REPLACEMENT WINTON RD PS
3,185.82	91024	COLUMBIA PARKWAY, TORRENCE TO 1300 FT EAST
22,113.43	91036	REPLACE DEHUMIDIFIERS-BOLTON PLANT
5,709.25	91039	HEGRY CIRCLE, BOUDINOT TO HEGRY (N & S)
1,105.55	91040	SIXTY NINTH ST, VINE TO EAST LEBANON
11,308.88	91042	SPRINGDALE RD-BROADMORE TO KERN 8"
5,948.73	91044	MONTGOMERY/MIAMI/KELLER-I-71 TO MIAMI PLUS
8,328.78	91046	SOUTH/WEK-BRIDGETOWN TO PICWAY/SOUTH TO DBKB
3,576.34	91048	RIDGEWAY/FORESTWOOD, LAWNWAY TO CALDWELL
213,452.23	91066	SPRINGDALE RD. - MILL TO 2500' EAST
1,403.69	91072	DRY RIDGE RD - CRYSTAL POINT SUBID WSL 3045
277.93	92006	KENN ROAD - KEMPER TO 2600' NORTH 12" WM
118,171.00	92010	KEARNEY AVENUE-ANTHONY WAYNE TO 800' WEST
29,854.49	92014	COLERAIN AVENUE-600' S OF NORTH BEND TO ROBER
21,130.92	92017	DISTRIBUTION MAINTENANCE FACILITY-MAIN STA
619,087.70	92019	WESTWOOD NORTHERN/BOUDINOT,MONTANA TO PHOENIX
56,532.38	92020	ADMINISTRATION OFFICE BUILDING, ROOF REPLACE
191,231.53	92023	COLERAIN AVENUE-ROBERS TO 400' N OF KIPLING
526,201.26	92024	LEDGEWOOD/ASMAN, READING TO DANA 12"
7,991.36	92028	WASHINGTON AVE/CLINTON SPRINGS/GREENWOOD
6,987.11	92033	TORRENCE AVE, COLUMBIA PKWY TO GRANDIN 48"
139,189.19	92043	PIPE YARD/PARKING AREA/DRIVE RENOVATIONS AOB
90,494.49	92044	REMOVE/RELOCATE CARBON PILOT PLANT
3,287.31	92047	MAIN STATION SITE IMPROVEMENTS
4,487.86	92056	SETTLING BASINS SLUDGE DISPOSAL
943.16	92059	RED BANK RD,SOUTH COLUMBIA PKWY RAMP WSL-3082
424.96	92062	GLENDALE-MILFORD RD - I-75 TO STATE ROUTE 4
437.02	92072	STEWART ROAD-LUHN TO MONTGOMERY ROAD
68,101.52	92074	BERKSHIRE AVE, BEECHMONT TO BERKSHIRE CLUB
126,805.12	92078	REMOTE RTU'S
34.94	93001	GLENDDORA STREER- CHARLTON TO CORRY
6,600.00	93003	LIGHTING PROTECTION FB & CBE
399,462.39	93005	BROTHERTON AND MARBURG MADISON TO ERIE/PAXTON
265.92	93006	SPRING ST-WOOSTER TO ELM/ORCHARD-SPRING 120' E
1,745.20	93010	COVEDALE AVENUE WATER MAIN EXTENSION WSL#3107
40,099.80	93011	GALBRAITH RD-COLERAIN TO N. COLLEGE HILL LINE
166.79	93012	POWER STREET BRIDGE OVER WEST FORK CHANNEL

## APPENDIX B - 2

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CINCINNATI WATER WORKS

RUN DATE: 01/27/95

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1994 CAPITAL IMPROVEMENT  
EXPENDITURES FOR  
WORK-IN-PROGRESS

PAGE: 3

EXPENDITURES	PROJECT NUMBER	DESCRIPTION
304.73	93018	SOUTHSIDE AVE-2000' E OF IDAHO TO RR BRIDGE
449,928.86	93020	LOCUST, POPLAR AND MAPLE-MCGREGOR TO ELMWOOD
8,680.75	93022	WESSELMAN RD BRIDGE-1200' W OF BUFFALO RIDGE
2,431.83	93023	WTP - PIPEYARD RELOCATION
414,947.10	93029	LIVINGSTON ROAD-POOLE ROAD TO SOUTH TERMINUS
265,935.87	93031	HOLLYHOCK AND REYNARD-SPRINGFIELD TOWNSHIP
134,839.85	93033	WATER WEST
29,268.46	93034	SEYMOUR AVENUE-MILLCREEK TO 200' E DILLWARD
363,504.99	93035	MARTIN LUTHER KING DR - VINE TO BURNET
2,033.19	93036	CHAUCER DRIVE-1000' W OF READING TO READING
3,264.00	93037	READING/GALBRAITH-CHAUCER TO 700' EAST
57,942.11	93038	WORK ORDER PROCESSING
772,416.65	93039	UTILITY BILLING
94,645.78	93040	OPTIMIZATION OF CORROSION INHIBITION
14,915.51	93041	MILES-ADAMS TO HAMILTON
669.34	93042	BOBOLINK-GRENADA TO PROSPECT
8,938.06	93043	AOB EXPANSION AND RENOVATION
10,639.07	93046	WASHWATER RECOVERY PUMP 4
14,531.86	93047	BOLTON PLANT CATHODIC PROTECTION
309.46	93048	ZEBRA MUSSEL CONTROL
18,964.99	93050	VFD'S FOR GAC FURNACES
39,440.00	93051	AC UNIT FOR AOB
50,846.65	93052	FIRE HYDRANT REPLACEMENT PROGRAM
842.52	93053	ELECTRIC GENERATOR AOB
18,065.83	93054	BOILER BURNERS AOB
35,758.48	93056	HVAC UPGRADE - FILTER BUILDING
6,366.62	93058	GLENMORE/WEIR-QUEEN CITY TO GLENWAY
2,387.43	93059	WOODFORD-ROBISON TO RED BANK ROAD
1,663.62	93060	NORTH BEND ROAD-MILLCREEK TO 500' EAST
2,058.85	93061	GLENWOOD-LEXINGTON TO GLENWOOD PLACE
4,193.12	93064	KELLOGG AV-SUTTON TO FOUR MILE
576.16	93065	RAPID RUN - NEEB TO 3400' WEST
1,798.74	93071	GAC MAINTENANCE BUILDING AC
405.49	93095	CROSS COUNTY HIGHWAY-HAMILTON TO COLERAIN
2,735.29	93096	CROSS COUNTY HIGHWAY-WINTON TO HAMILTON-8-91
580.27	93113	ELEVATED TANK PAINTING CHERRY GROVE
170,565.80	93114	DANA AVE-VICTORY PATHWAY TO LEDGEWOOD AVE
118,600.00	93116	BEEKMAN ST BRIDGE OVER WEST FORK CHANNEL
25,784.12	93117	WESSELMAN RD WM EXT E OF TAYLOR RD WSL#3148
180,765.29	94001	LINDEN STREET-MCGREGOR TO VINE
897.29	94003	HARRISON AV NEW SUB 185 E LL DEERWAY WSL 3150
15,891.72	94004	INSTALLATION OF WINDOW FILM AT AOB

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CINCINNATI WATER WORKS.

RUN DATE: 01/27/95

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1994 CAPITAL IMPROVEMENT  
EXPENDITURES FOR  
WORK-IN-PROGRESS

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EXPENDITURES	PROJECT NUMBER	DESCRIPTION
2,390.76	94005	NORTHERN TERMINUS MARTINI RD BRITTANY WSL3145
79,808.43	94006	MARTIN STREET/PARKSIDE PLACE
649.16	94007	VINE STREET-INTERVINE TO JUERGENS
327.66	94008	KENWOOD RD-GALBRAITH RD TO BLUE ASH CORP LINE
785.88	94009	ROLLMAN ESTATES, SECTION 3 WSL #3024
14,585.38	94010	HAMILTON AVENUE-MEREDITH TO HUDEPOHL
2,811.64	94011	LUDLOW AVENUE VIADUCT
1,447.99	94012	PLANT ACCOUNTING SYSTEM
437,472.91	94013	EDWARDS ROAD-GRANDIN TO OBSERVATORY
3,525.00	94014	FIRE ALARM RENOVATION-R MILLER PLANT
8,779.25	94015	MT HEALTHY HEIGHTS PHASE 2
8,347.11	94016	MT HEALTHY HEIGHTS PHASE 3
23,910.87	94017	AOB DISTRIBUTION RENOVATION
2,051.24	94018	KEMPER RD NORTHSIDE E OF HAMILTON WSL #3154
3,067.08	94019	ABBEY HILLS WSL #3151
488.40	94020	KENWOOD MALL W.M. RELOCATION MISC 14
899.43	94021	LIGHTNING PROTECTION CMRP
9,599.45	94022	NAGEL ROAD AT SACRED HEART LANE WSL #3160
865.28	94023	DEVILS BACKBONE WM EXTENSION WSL #3152
363,395.90	94024	EMERSON AVENUE-BETTS TO MEIS
11,057.73	94025	WAITS AVENUE-BERTE STREET TO KELLOGG AVENUE
123,926.61	94026	THLE-MT. ALVERNO TO SOUTH TERMINUS
85,559.84	94027	NOBLE AVE/NOBLE COURT-GALBRAITH TO SOUTH TERM
123,767.92	94028	SOLZMAN ROAD-KEMPER ROAD TO 1200' NORTH
15.27	94042	GLENDALE RD OFF GLENDALE MILFORD RD WSL #3159
10,018.10	94043	BROADVIEW DRIVE-CIN 95
22,926.07	94044	SODIUM HYDROXIDE FEED SYSTEM
33,449.33	94045	BUILDING SECURITY, WESTERN HILLS STATION
10,620.00	94048	MONTANA AVENUE-FARREL TO BALTIMORE
290,084.44	94049	KENWOOD ROAD-CROSS COUNTY HWY TO BLUE ASH CRP
131,347.34	94059	MARYLAND/ELBERON/PURCELL/MURDOCK
99,440.08	94123	SOUTH ROAD-SOUTHEPONTE TO DANVILLE
103.17	94125	KROGER AVENUE-DELTA TO TWEED
1,407.34	94126	CSX RAILROAD CONTAMINATION BUCK STREET SITE
2,269.50	94127	ANTHONY WAYNE-36" WM AT HARTWELL
2,915.76	94128	HARRISON AVE WM EXTENSION WSL 3167
19,069.05	94129	INSTALLATION OF TURBIDIMETERS IN SAND FILTERS
273.41	94130	GEST STREET BRIDGE REPLACEMENT
3,411.06	94131	LEHMAN ROAD-GRAND AVENUE TO 600' E OF ORANGE
595.31	94134	HILLSIDE AVENUE-TYLER TO 500' WEST
4,517.89	94137	KELLOGG AVENUE AT FIVE MILE ROAD WSL 3182
126.17	94138	VICTORY DRIVE-NEEB RD TO EASTERN TERMINUS

## APPENDIX B - 2

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CINCINNATI WATER WORKS

RUN DATE: 01/27/95

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1994 CAPITAL IMPROVEMENT  
EXPENDITURES FOR  
WORK-IN-PROGRESS

PAGE: 5

EXPENDITURES	PROJECT NUMBER	DESCRIPTION
1,293.22	94139	ARTS AREA-GANO, RUTH LYONS, 6TH, 7TH, WALNUT, VINE
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14,921,644.29		



Appendix C  
Capital Cost  
1986

Explanation of Tables

Table Number	Description
11	New Water Mains
12	Replacement Water Mains
13	Rehabilitate Water Mains
14	Street Improvements
15	Private Development & Assessments
26	Headquarters Complex
27	Tanks and Reservoirs
28	Treatment and Pump Complexes
29	Water Quality and Research

Project Number	Table Number	Project	Approved Financing
85039	11	Struble Road - Colerain to Plppin	\$1,860,000
91057	11	Red Bank Xway, N of Brotherton to Incinerator	\$1,000
92033	11	Torrence - Columbia Pkwy to Grandin	\$960,000
93001	11	Glendora Street, Charlton to Corry	\$9,000
93006	11	Spring Street/Orchard	\$25,000
93036	11	Chaucer - Reading to 1000' West	\$200,000
93037	11	Reading/Galbraith - Chauder to 700' E.	\$400,000
83077	12	Central Avenue, Findlay to Colerain	\$1,000
88028	12	Fairmount Avenue, Harrison to Iroquois	\$360,000
89047	12	Creek Road, 400' W of Thornview to Jeff	\$615,000
89049	12	Lincoln/Hastings/Hill - Harrison to Harri.	\$1,000
89051	12	Lawyer/Little Dry Run - Turnkey to Wolf.	\$388,000
89064	12	Biegler/White/Horton/Montrose	\$280,000
90036	12	Woodburn - Madison to Gilbert	\$300,000
91043	12	Dorchester Avenue, Eleanor to Josephine	\$143,000
91044	12	Montgomery Rd - 171 to Miami	\$688,000
91046	12	South/Werk - Bridgetown to Picway	\$882,000
91048	12	Ridgeway/Forestwood - Lawnway	\$280,000
92026	12	Ragland Rd, Newtown to Hammitage	\$7,000
93018	12	Southside - Idaho to River Road	\$118,000
93041	12	Miles - Adams to Hamilton	\$770,000
93042	12	Bobolink - Grenada to Prospect	\$80,000
83138	14	Kipling Rd - 300 E of Colerain to Banning	\$120,000
89018	14	Anderson Ferry, Sidney and Crookshank	\$285,785
91063	14	Montgomery Road Bridge at Miami Avenue	\$50,000
92011	14	North Bend Road Bridge over Millcreek	\$130,000
92062	14	Glendale Milford Rd, I-75 to State Route 4	\$350,000
92072	14	Stewart Rd, Luhn to Montgomery Road	\$275,000
93021	14	North Crescent Ave, Reading to Greenwood	\$5,000
93058	14	Glenmore/Werk - Queen City to Glenway	\$400,000

93059	14	Woodford - Robison to Red Bank	\$500,000
93060	14	North Bend Rd. - Millcreek to 1500 <sup>th</sup> East	\$150,000
93061	14	Glenwood - Lexington to Glenwood Pl.	\$150,000
93062	14	Governors Way - Mason to Union Cem.	\$15,000
93063	14	Clough - Nagel to Eight Mile	\$250,000
93064	14	Kellogg - Sutton to Four Mile	\$10,000
93095	14	Cross County Hwy, Hamilton to Colerain	\$100,000
93096	14	Cross County Hwy, Winton to Hamilton	\$130,000
94007	14	Vine Street, Intervine to Juergens	\$40,000
94008	14	Kenwood Rd, Galbraith to Blue Ash Corp.	\$210,000
94058	14	Virgil Ave, Fehr to Folex	\$10,000
94124	14	Orchard Lane, Welton to Crestview	\$25,000
94125	14	Kroger Ave, Delta to Tweed	\$50,000
94127	14	Anthony Wayne, 36 <sup>th</sup> WM at Hartwell	\$100,000
94134	14	Hillside Ave, Tyler to 500 <sup>th</sup> West	\$10,000
92059	15	Red Bank Rd, S Columbia Parkway Ramp	\$3,000
93118	15	W Side Althaus Rd, 2000 <sup>th</sup> N of Harrison	\$48,000
94002	15	Sanctuary at Ivy Hills	\$38,000
94042	15	Glendale Road	\$200
94132	15	Houston Road	\$40,000
94133	15	West Kemper, WM Extension	\$10,000
94135	15	Harrison Road Improvements	\$150,000
94136	15	John Gray/Hamilton Avenue	\$4,000
93038	26	Work Order Processing	\$550,000
93039	26	Billing System - Phase 1	\$3,500,000
93043	26	AOB Master Plan	\$200,000
93053	26	Electric Generator AOB	\$45,000
93055	26	Freight Elevator AOB	\$42,000
94012	26	Plant Accounting System	\$1,000
83178	27	Cherry Grove Tank, Property Acquisition	\$100,000
93049	27	Tank Metalizing Study	\$50,000
93113	27	Cherry Grove Elevated Tank Painting	\$122,000
83217	28	Line Sludge Disposal - BP	\$200,000
92047	28	Main Station Parking Area	\$400,000
93045	28	WTP Chlorine Facility	\$400,000
83048	28	Zebra Mussel Control	\$150,000
93057	28	Corrosion Control Design - BP	\$50,000
Total			\$17,734,985

1) Group Street Name *Wooster/Newtown/Church/Valley* *Raised* ①  
 Project Number *94120* Table No *2* CIP Year *1996* (*move from 2000*)  
 Street *Wooster Pike*  
 From *Oak* To *Newtown*

Age *1925* Existing *8* Proposed *16* Length *9400'* Cost *\$1,080*

Type *Water Quality* Maint. Factor

Community *Marionmont/Newtown* City/County *County*

Group Street Name *Wooster/Newtown/Church/Valley*  
 Project Number *94120* Table No *2* CIP Year *1996*  
 Street *Newtown Rd/Church St*  
 From *Wooster* To *Valley*

Age *1925* Existing *8* Proposed *16* Length *3000* Cost *\$445*

Type *Water Quality* Maint. Factor

Community *Marionmont/Newtown* City/County *County* (*\$100 extra for river/bridge crossing*)

Group Street Name *Wooster/Newtown/Church/Valley*  
 Project Number *94120* Table No *2* CIP Year *1996*  
 Street *Valley Ave*  
 From *Church* To *Round Bottom*

Age *1928* Existing *6"* Proposed *16"* Length *1600'* Cost *\$184*

Type *Water Quality* Maint. Factor

Community *Marionmont/Newtown* City/County *County*

2) Group Street Name *Costello/Cavanaugh/Robert/Hitchins/Altan/Ruberg* Total Cost *1,709*  
 Project Number *95030* Table No *2* CIP Year *1996*  
 Street *Costello Ave*  
 From *Hitchins* To *Altan*

Age *1955* Existing *6* Proposed *8* Length *1300'* Cost *\$130 K.*

Type *Maintenance* Maint. Factor *.23*

Community *Westwood* City/County *City*

Group Street Name Costello/Cavanaugh/Robert/Hitchins/Alton/Ruberg (2)  
 Project Number \_\_\_\_\_ Table No 2 CIP Year 1996  
 Street Cavanaugh Ave  
 From Hitchins To McHenry  
 Age 1914 Existing 6" Proposed 12" Length 2550' Cost \$268  
 Type \_\_\_\_\_ Maint. Factor \_\_\_\_\_  
 Community Westwood City/County City

Group Street Name Costello/Cavanaugh/Robert/Hitchins/Alton/Ruberg  
 Project Number \_\_\_\_\_ Table No 2 CIP Year 1996  
 Street Robert Ave  
 From Harrison To Hitchins  
 Age 1936 Existing 6" Proposed 12" Length 1550' Cost 163  
 Type \_\_\_\_\_ Maint. Factor \_\_\_\_\_  
 Community Westwood City/County City

Group Street Name Costello/Cavanaugh/Robert/Hitchins/Alton/Ruberg  
 Project Number \_\_\_\_\_ Table No 2 CIP Year 1996  
 Street Hitchins Ave  
 From Cavanaugh To Ruberg  
 Age 1929 Existing 6" Proposed 12" Length 450' Cost \$48  
 Type \_\_\_\_\_ Maint. Factor \_\_\_\_\_  
 Community Westwood City/County City

Group Street Name Costello/Cavanaugh/Robert/Hitchins/Alton/Ruberg  
 Project Number \_\_\_\_\_ Table No \_\_\_\_\_ CIP Year \_\_\_\_\_  
 Street Ruberg Ave  
 From Harrison To 400' North  
 Age 1915 Existing 6" Proposed 8" Length 400' Cost \$40k  
 Type \_\_\_\_\_ Maint. Factor \_\_\_\_\_  
 Community Westwood City/County City

Group Street Name

Project Number

Table No

CIP Year

Street

From

To

Age 1930

Existing 6

Proposed 8

Length 550

Cost \$55

Type

Maint. Factor

Community

City/County

Total  
\$ 704 KGroup Street Name

Project Number

Table No

CIP Year

Street

From

To

Age 1955

Existing 12'

Proposed 12

Length 1800

Cost \$189

Type

Maint. Factor .22

Community

City/County

Group Street Name

Project Number

Table No

CIP Year

Street

From

To

Age 1947

Existing 6

Proposed 8'

Length 1600

Cost \$160

Type

Maint. Factor

Community

City/County

Group Street Name

Project Number

Table No

CIP Year

Street

From

To

Age 1952

Existing 6

Proposed 8

Length 1050

Cost \$105

Type

Maint. Factor .63

Community

City/County

Total \$454 K

4) Group Street Name *Quartermaine / Frontenac / Fontaine* (4)  
 Project Number *92066* Table No *1* CIP Year *1996*  
 Street *Quartermaine Ave*  
 From *Watson* To *Frontenac*

Age *1954* Existing *6"* Proposed *12"* Length *1100'* Cost *\$ 116*  
 Type *System upgrade* Maint. Factor  
 Community *Deer Park* City/County *County*

Group Street Name *Quartermaine / Frontenac / Fontaine*  
 Project Number *92066* Table No *1* CIP Year *1996*  
 Street *Frontenac Ave*  
 From *Fontaine* To *Quartermaine*

Age *1954* Existing *6"* Proposed *12"* Length *900'* Cost *\$ 95*  
 Type *System Upgrade* Maint. Factor  
 Community *Deer Park* City/County *County*

Group Street Name *Quartermaine / Frontenac / Fontaine*  
 Project Number *92066* Table No *1* CIP Year *1996*  
 Street *Fontaine Ct*  
 From *Frontenac* To *Galbraith*

Age *1951* Existing *6"* Proposed *12"* Length *500'* Cost *\$ 52*  
 Type *System Upgrade* Maint. Factor  
 Community *Deer Park* City/County *County*

*total 263*

5) Group Street Name *Junculum Ave.*  
 Project Number *95031* Table No *2* CIP Year *1996*  
 Street *Junculum Ave.*  
 From *100' S. of Columbia* To *400' N of Columbia Hwy*

Age *1955* Existing *6"* Proposed *8"* Length *2700'* Cost *\$ 270K*  
 Type *Maintenance* Maint. Factor *1.04*  
 Community *Hyde Park* City/County *City* *total \$270K*

(5)

Group Street Name Pullan / Pitto / Cherry / Terrill  
 Project Number 90028 Table No 2 CIP Year 1996  
 Street Pullan Ave  
 From Hamilton To Pitto

Age 1924 Existing 6 Proposed 8 Length 1200' Cost \$120  
 Type Maintenance Maint. Factor .22  
 Community Northside City/County City

Group Street Name Pullan / Pitto / Cherry / Terrill  
 Project Number 90028 Table No 2 CIP Year 1996  
 Street Pitto Ave  
 From Chase To Bruce

Age 1924 Existing 6 Proposed 8 Length 1200' Cost \$120  
 Type Maintenance Maint. Factor  
 Community Northside City/County City

Group Street Name Pullan / Pitto / Cherry / Terrill  
 Project Number 90028 Table No 2 CIP Year 1996  
 Street Terrill St  
 From Chase To Pullan

Age 1919 Existing 6 Proposed 8 Length 700' Cost \$70  
 Type Flow Maint. Factor  
 Community Northside City/County City

Group Street Name Pullan / Pitto / Cherry / Terrill  
 Project Number 90028 Table No 2 CIP Year 1996  
 Street Cherry St  
 From Chase To Pullan

Age 1919 Existing 6 Proposed 8 Length 650' Cost \$65  
 Type Flow Maint. Factor  
 Community Northside City/County City

Total \$375

7) Group Street Name Old Chapel / Heathside / Copperglow  
 Project Number 90031 Table No 2 CIP Year 1996  
 Street Old Chapel Dr  
 From To  
 Age 1961 Existing 8" Proposed 8" Length 1750 Cost \$175K  
 Type ~~maintenance~~ Maintenance Maint. Factor .44  
 Community Mt Washington City/County County

Group Street Name Old Chapel / Heathside / Copperglow  
 Project Number 90031 Table No 2 CIP Year 1996  
 Street Heathside Ln  
 From Copperglow To Old Chapel

Age 1961 Existing 8" Proposed 8" Length 400 Cost \$40K  
 Type maintenance Maintenance Maint. Factor  
 Community Mt Washington City/County County

Group Street Name Old Chapel / Heathside / Copperglow  
 Project Number 90031 Table No 2 CIP Year 1996  
 Street Copperglow Ct  
 From Huxley To West Terraines

Age 1961 Existing 8" Proposed 8" Length 1650' Cost \$165K  
 Type maintenance Maintenance Maint. Factor .12  
 Community Mt Washington City/County County Total = \$380K

8) Group Street Name Straight / Ravine / McMullen  
 Project Number 91059 Table No 2 CIP Year 1996  
 Street Straight St  
 From McMullen To University

Age 1947 Existing 12" Proposed 12" Length 2000 Cost \$21K  
 Type maintenance Maintenance Maint. Factor  
 Community Fairview / Clifton Hts City/County City



(7)

Group Street Name *Straight / Ravine / McMillan*  
 Project Number *91059* Table No *2* CIP Year *1996*  
 Street *Ravine St.*  
 From *McMillan* To *Straight*

Age *1947* Existing *6"* Proposed *12"* Length *650* Cost *74*  
 Type *ntce* Maint. Factor  
 Community *Fairview / Clifton Hts* City/County *City*

Group Street Name *Straight / Ravine / McMillan*  
 Project Number *91059* Table No *2* CIP Year *1996*  
 Street *McMillan St*  
 From *Ravine* To *200' East*

Age *1947* Existing *6"* Proposed *12"* Length *200'* Cost *21*  
 Type *Flow* Maint. Factor  
 Community *Fairview / Clifton Hts* City/County *City*

Total <sup>3</sup>305

9) Group Street Name *Glenway Ave*  
 Project Number *92021* Table No *2* CIP Year *1996*  
 Street *Glenway Ave*  
 From *Parkcrest* To *Werk*

Age *1946* Existing *12"* Proposed *12"* Length *2400'* Cost *\$252*  
 Type *ntce* Maint. Factor  
 Community *Westwood* City/County *City*

Total <sup>1</sup>252<sup>K</sup>

10) Group Street Name *Cornell Rd*  
 Project Number *88028* Table No *2* CIP Year *1996*  
 Street *Cornell Rd*  
 From *Hawk* To *150' E. of Allenhurst*

Age *1957* Existing *8* Proposed *12"* Length *1300'* Cost *130'*  
 Type *ntce* Maint. Factor *.4*  
 Community *Sharonville* City/County *County*

(8)

Group Street Name Cornell Rd

Project Number 88028 Table No 2

CIP Year 1996

Street Cornell Rd

From Macar To Hawk.

Age 1957 Existing 8 Proposed 8 Length 1550 Cost \$155

Type mtc Maint. Factor 1.0

Community Sharonville City/County County Total \$285

11) Group Street Name Peete / Antique / mulberry

Project Number 94034 Table No 2 CIP Year 1996

Street Peete St

From Vine To Antique

Age 1933 Existing 6 Proposed 8 Length 2000 Cost 230

Type mtc Maint. Factor 1.05

Community Over the Rhine City/County City

Group Street Name Peete / Antique / mulberry

Project Number 94034 Table No 2 CIP Year 1996

Street Antique St

From Peete To mulberry

Age 1933 Existing 6 Proposed 8 Length 150 Cost \$18

Type ~~mtc~~ mtc Maint. Factor

Community Over the Rhine City/County City

Group Street Name Peete / Antique / mulberry

Project Number 94034 Table No 2 CIP Year 1996

Street mulberry St

From Antique To Sycamore

Age 1933 Existing 6 Proposed 8 Length 450 Cost \$52

Type mtc Maint. Factor

Community Over the Rhine City/County City

Total  
\$277 300

12)

Group Street Name *Reynard Ave*  
 Project Number *93076* Table No *2* CIP Year *1996*  
 Street *Reynard Ave*  
 From *Winton* To *Woodview*

(9)

Age *1950* Existing *8* Proposed *8* Length *2400* Cost *\$240*  
 Type *m/c* Maint. Factor *.47*  
 Community City/County *County* Total *\$240*

13)

Group Street Name *Kellogg Ave / Sutton Ave*  
 Project Number *91061* Table No *2* CIP Year *1996*  
 Street *Kellogg Ave*  
 From *Sutton* To *Filter Plant*

Age *1926* Existing *8* Proposed *12* Length *6000* Cost *\$630*  
 Type *Flow* Maint. Factor  
 Community *California* City/County *City*

Group Street Name *Kellogg Ave / Sutton Ave*  
 Project Number *91061* Table No *2* CIP Year *1996*  
 Street *Sutton Ave*  
 From *Kellogg* To *I-275*

Age *1926?* Existing *8* Proposed *12* Length *1100'* Cost *\$116*  
 Type *Flow* Maint. Factor  
 Community *California* City/County *City* Total *\$746*

14)

Group Street Name *Enright Ave*  
 Project Number *90027* Table No *2* CIP Year *1996*  
 Street *Enright Ave*  
 From *Eighth* To *3200' South*

Age *1907* Existing *6* Proposed *8* Length *3200'* Cost *\$320*  
 Type *Flow* Maint. Factor  
 Community *East Price Hill* City/County *City* Total *\$320*

15) Group Street Name Rhode Island / Tennessee  
 Project Number 95032 Table No 2 CIP Year 1996  
 Street Rhode Island  
 From Tennessee To Catalina

Age 1944 Existing 6 Proposed 12 Length 100 Cost \$105  
 Type mtee Maint. Factor .17  
 Community Bond Hill City/County City

Group Street Name Rhode Island / Tennessee  
 Project Number Table No 2 CIP Year 1996  
 Street Tennessee Ave  
 From Rhode Island To W. of Rapid Transit Tunnel  
 Age 1959 Existing 12" Proposed 12" Length 200' Cost 64<sup>K</sup>  
 Type mtee Maint. Factor .13  
 Community Bond Hill City/County City Total \$169

16) Group Street Name Ragland Rd  
 Project Number 92026 Table No 2 CIP Year 1996  
 Street Ragland Rd  
 From Newtown To Hermitage / Treeridge  
 Age 1938 Existing 6 Proposed 8 Length 5500 Cost \$550  
 Type Revelopment Maint. Factor  
 Community Newtown City/County County Total \$550

17) Group Street Name Spencer / York  
 Project Number 89053 Table No 2 CIP Year 1996  
 Street Spencer Ave  
 From York To 200' East  
 Age 1955 Existing 6 Proposed 8 Length 200 Cost \$20  
 Type flow Maint. Factor  
 Community Kenwood ? City/County County  
 Rossmayne

Group Street Name *Spencer / York* (11)  
 Project Number *89053* Table No *2* CIP Year *1996*  
 Street *York St*  
 From *Galbraith* To *Spencer*

Age *1927* Existing *6* Proposed *8* Length *1100* Cost *\$110k*  
 Type *Flow* Maint. Factor  
 Community *Kenwood?* City/County *County* *Rossomayne* Total *\$130k*

18) Group Street Name *Plainfield Road*  
 Project Number *91053* Table No *2* CIP Year *1996*  
 Street *Plainfield Rd*  
 From *Creek* To *Glendale-Milford*

Age *1956* Existing *12* Proposed *12* Length *3000* Cost *\$315*  
 Type *Misc.* Maint. Factor  
 Community *Sharonville* City/County *County* Total *\$1315*

19) Group Street Name *marshall / McMicken*  
 Project Number *91060* Table No *2* CIP Year *1996*  
 Street *marshall Ave*  
 From *Probasco* To *McMicken*

Age *1915* Existing *6* Proposed *12* Length *1600* Cost *\$168k*  
 Type *Flow* Maint. Factor  
 Community *University Hts* City/County *City*

Group Street Name *marshall / McMicken*  
 Project Number *91060* Table No *2* CIP Year *1996*  
 Street *McMicken Ave*  
 From *Straight* To *marshall*

Age *1925* Existing *8* Proposed *12* Length *800* Cost *\$84k*  
 Type *Flow* Maint. Factor  
 Community *University Hts* City/County *City* Total *\$252*

Group Street Name Liddell/Grove/Dempsey/Waveland/Knox/Pinetree (12)  
 Project Number 93075 Table No 2 CIP Year 1996  
 Street Liddell St  
 From Baltimore To Fairmount

Age 1895 Existing 4/6 Proposed 8 Length 1850 Cost \$185  
 Type Comp. Plan. Maint. Factor  
 Community Camp Washington City/County City

Group Street Name Liddell/Grove/Dempsey/Waveland/Knox/Pinetree  
 Project Number 93075 Table No 2 CIP Year 1996  
 Street Grove St  
 From Linden To Liddell

Age 1895 Existing 6 Proposed 8 Length 250 Cost \$25  
 Type Comp. Plan. Maint. Factor  
 Community Camp Washington City/County City

Group Street Name Liddell/Grove/Dempsey/Waveland/Knox/Pinetree  
 Project Number 93075 Table No 2 CIP Year 1996  
 Street Dempsey St  
 From Liddell To Beckman

Age 1995 Existing 4 Proposed 8 Length 200 Cost \$20  
 Type Comp. Plan. Maint. Factor  
 Community Camp Washington City/County City

Group Street Name Liddell/Grove/Dempsey/Waveland/Knox/Pinetree  
 Project Number 93075 Table No 2 CIP Year 1996  
 Street Waveland  
 From Knox To Fairmount

Age 1884 Existing 4" Proposed 8 Length 300 Cost \$30<sup>12</sup>  
 Type Comp. Plan. Maint. Factor  
 Community Camp Washington City/County City

Group Street Name Liddell/Grove/Dempsey/Waveland/Knox/Pinetree (13)  
 Project Number 93075 Table No 2 CIP Year 1996  
 Street Knox st  
 From Pinetree To Bloom

Age 1892 Existing 6 Proposed 8 Length 750 Cost <sup>\$</sup>75  
 Type Comp Plan Maint. Factor  
 Community Camp Washington City/County City

Group Street Name Liddell/Grove/Dempsey/Waveland/Knox/Pinetree  
 Project Number 93075 Table No 2 CIP Year 1996  
 Street Pinetree St  
 From Waverly To Knox

Age 1884 Existing 6 Proposed 8 Length 350 Cost <sup>\$</sup>35  
 Type Comp. Plan. Maint. Factor  
 Community Camp Washington City/County City Total \$370

Group Street Name  
 Project Number Table No CIP Year <sup>\$</sup>8,189  
 Street  
 From To  
 Age Existing Proposed Length Cost  
 Type Maint. Factor  
 Community City/County

Group Street Name  
 Project Number Table No CIP Year  
 Street  
 From To  
 Age Existing Proposed Length Cost  
 Type Maint. Factor  
 Community City/County

## ADDITIONAL SUPPORT INFORMATION

For Program Year 1996 (July 1, 1996 through June 30, 1997), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

- 1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed \_\_\_\_\_

Poor X

Fair \_\_\_\_\_

Good \_\_\_\_\_

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

The Cincinnati Water Works replaces old 1925 (+) water mains under their capital improvement program. Hamilton County replaces the fire hydrants that are outside of municipalities.

- 2) If State Capital Improvement Program funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1996) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

4 weeks/months (Circle one)

Are preliminary plans or engineering completed? Yes No

Are detailed construction plans completed? Yes No

Are all right-of-way and easements acquired?\* Yes No N/A

\*Please answer the following if applicable:

No. of parcels needed for project: 0 Of these, how

many are Takes \_\_\_\_\_, Temporary \_\_\_\_\_, Permanent \_\_\_\_\_

On a separate sheet, explain the status of the ROW acquisition process of this project for any parcels not yet acquired.

Are all utility coordinations completed? Yes No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. \_\_\_\_\_ weeks/months



- 3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, commerce, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data.

By replacing old hydrants, we provide the unincorporated area of Hamilton County with the latest technology in providing modern fire protection. The new hydrants may have three (3) nozzles instead of one or two. The latest breakaway hydrants shut off when struck, preventing water damage to the area. By installing new fire hydrants, we provide the added fire protection to new areas as they develop.

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- 4) What type of funds are to be utilized for the local share for this project?

Federal	_____	ODOT	_____	Local	<u>X</u>
MRF	_____	OWDA	_____	CDBG	_____
Other	_____				

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1995 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

10 %

- 5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the approved legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban \_\_\_\_\_ Partial Ban \_\_\_\_\_ No Ban X

Will the ban be removed after the project is completed?

Yes \_\_\_\_\_ No \_\_\_\_\_

- 6) What is the total number of existing users that will benefit as a result of the proposed project?

14,000 (+/-) users per day

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. NOTE: DOCUMENTATION MUST BE PROVIDED FOR COUNTS OF 4,000 ADT AND ABOVE, AND HAVE THE DOCUMENTATION CERTIFIED BY EITHER A LICENSED ENGINEER OR AN OFFICIAL OF THE SUBDIVISION.

- 7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164?

Yes X No       

- 8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

Modern adequate fire protection is one of the most important services provided to an area. By providing modern fire hydrants and providing new installations as required by fire insurance rates for the area are kept to a minimum.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

- 9) For expansion projects, please provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS        Proposed LOS       

If the proposed LOS is not "C" or better, explain why LOS "C" cannot be achieved. (Attach separate sheets if necessary.)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

STATE CAPITAL IMPROVEMENT PROGRAM  
LOCAL TRANSPORTATION IMPROVEMENT PROGRAM

ROUND NO. 10

PROGRAM YEAR 1996 PROJECT SELECTION CRITERIA - JULY 1, 1996 TO JUNE 30, 1997

ADOPTED BY THE DISTRICT 2 INTEGRATING COMMITTEE

JUNE 9, 1995

JURISDICTION/AGENCY: HAMILTON COUNTY - PUBLIC WKS

NAME OF PROJECT: FIRE HYDRANT REPL. PROGRAM

TOTAL POINTS FOR THIS PROJECT: 51 RATING TEAM NO. 1

NO. OF  
POINTS

10 1) If SCIP Funds are granted, when would the construction contract be awarded? (The Support Staff will assign points based on engineering experience.)

10 Points - Will be under contract by December 31, 1996

5 Points - Will be under contract by March 30, 1997

0 Points - Will not be under contract by March 30, 1997

16 2) What is the condition of the infrastructure to be replaced or repaired? For bridges, base condition on latest general appraisal and condition rating.

20 Points - Poor Condition

16 Points -

12 Points - Fair to Poor Condition

8 Points -

4 Points - Fair Condition

0 Points - Good or Better Condition

NOTE: If the infrastructure is in "good or better" condition it will NOT be considered for SCIP funding. If it is an expansion type project, and rated 0, it will be considered for LTIP only.

2

3) If the project is built, what will be its effect on the facility's serviceability?

- 5 Points - Significant effect (e.g., widen to and add lanes along entire project)
- 4 Points - Moderate to significant effect
- 3 Points - Moderate effect (e.g., widen existing lanes)
- 2 Points - Moderate to little effect
- 1 Point - Little or no effect (e.g., street or bridge deck rehabilitation)

10

4) How important is the project to the HEALTH, SAFETY, AND WELFARE of the public and the citizens of the District and/or service area?

- 10 Points - Highly significant importance, with substantial impact on all 3 factors
- 8 Points - Considerably significant importance, with substantial impact on 2 factors OR noticeable impact on all 3 factors
- 6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors
- 4 Points - Minimal importance, with noticeable impact on 1 factor
- 2 Points - No measurable impact

6

5) What is the overall economic health of the jurisdiction?

- 10 Points - Poor
- 8 Points -
- 6 Points - Fair
- 4 Points -
- 2 Points - Excellent

1

6) What matching funds are being committed to the project, expressed as a percentage of the TOTAL CONSTRUCTION COST? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

- 5 Points - 50% or more
- 4 Points - 40% to 49.99%
- 3 Points - 30% to 39.99%
- 2 Points - 20% to 29.99%
- 1 Point - 10% to 19.99%

0

- 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.

5 Points - Complete or significant ban  
3 Points - Partial or moderate ban  
0 Points - No ban of any kind

1

- 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current certified traffic counts, or number of households served when converted to a measurement of persons. Public transit users are permitted to be counted for roads and bridges, but only when certified ridership figures are provided.

5 Points - 16,000 or more  
4 Points - 12,000 to 15,999  
3 Points - 8,000 to 11,999  
2 Points - 4,000 to 7,999  
1 Point - 0 to 3,999

4

- 9) Does the infrastructure have REGIONAL impact? Consider origins and destinations of traffic, functional classification, size of service area, number of jurisdictions served, etc.

5 Points - Major impact (e.g., major multi-jurisdictional route, primary feed route to an interstate, Federal Aid Primary routes)  
4 Points -  
3 Points - Moderate impact (e.g., principal thoroughfares, Federal-Aid Urban routes)  
2 Points -  
1 Point - Minimal or no impact (e.g., cul-de-sacs, subdivision streets)

1

- 10) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure?

2 Points - Two of the above  
1 Point - One of the above  
0 Points - None of the above

ADDENDUM TO THE RATING SYSTEM  
DEFINITIONS

CRITERION 1 - ABILITY TO PROCEED

The Support Staff will assign points based on:

- 1) Engineering experience
- 2) The information on the Additional Support Information, as verified where necessary.
- 3) The applicant's past SCIP/LTIP record of successfully projecting project schedules on similar types of projects.

If a project rating on this item is reduced by the Support Staff because of a questionable schedule, and still receives funding, the submitting jurisdiction will be permitted to amend the Project Schedule accordingly.

CRITERION 2 - CONDITION

Poor - Condition is dangerous, unsafe or unusable

Fair to Poor - Condition is inadequate or substandard

Fair - Condition is average, not good or poor

CRITERION 5 - ECONOMIC HEALTH

The following factors are used to determine economic health:

- 1) Median per capita income
- 2) Per capita assessed valuation of the total community real estate and personal property
- 3) Poverty indicators
- 4) Effective tax rates
- 5) Total corporate debt as a percentage of assessed valuation
- 6) Municipal revenues and expenditures per capita

CRITERION 9 - REGIONAL IMPACT

Major impact - Primary water or sewer main serving an entire system

Moderate impact - Waterline or storm sewer serving only part of a system

Minimal impact - Individual waterline or storm sewer not part of a system